

distribution (accompanied by precise records) the ethology and the subspecies (if any) are dealt with. Illustrations delineating differentiating characters are numerous, and there are complete illustrations of the principal types, so that from these alone one may gain some idea of the variations of habitus within the fauna.

The last volume to appear, just issued, is Part I of the "Coléoptères carabiques de la région malgache," by René Jeannel. It follows two volumes in the *Faune de France* by the same author, dealing with the same group, in which a long-awaited new classification of these beetles has been presented, based in large measure on research concerning the structure of the male genitalia, which was previously disregarded. In the opinion of the reviewer this represents not merely a revolution but a strong advance in our knowledge of the interrelationships of these beetles (although his judgment would question the necessity of assigning family rank to so many subdivisions). It is a matter of moment to entomologists to see this new classification extended in detail to the Caraboidea (in which term Cicindelidae and Paussidae as well as Carabidae are included) of the Malagasy Subregion. Dr. Jeannel accepts the theories of continental drift of Köppen and Wegener, and his introductory pages on the origin of the Malagasy faunas, as well as his account of the climate, vegetation, and biogeographical divisions, will be of wide interest.

Intermediate between the first and latest volumes to appear have been one on the Bovidae of French Equatorial Africa (from the Congo to the Sudan and Rio de Oro), by Paul Rode; one on the Scarabaeid beetles of Indo-China, by Renaud Paulian (which, along with his treatment of the Scarabaeidae in the *Faune de France*, is no less worthy of note than the volumes on carabid beetles); one on the birds of Reunion, by Jacques Berlioz; and one on the longicorn beetles of North Africa, by Andre Villiers.

The early appearance is promised of a volume completing the Caraboidea of Madagascar, of one by E. Fletiaux on the Coleoptera of the French Antilles, one by A. Villiers on the reduviid Hemiptera of tropical Africa, and of one dealing with the polychaete annelids of New Caledonia, by P. Fauvel. The 23 volumes in preparation form an exciting list: 12 on insects; 2 each on arachnids, molluscs, and fish; and 1 each on mammals, birds, lizards, ctenophores, and corals. Such a series of manuals of tropical faunas has been previously attempted only in the fauna of British India, but that, of course, deals with only a single area.

The Editorial Committee consists of R. Jeannel, J. Millot, Th. Monod, L. Berland, and L. Chopard, both of the latter being secretaries.

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## Scientific Book Register

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- ADKINS, HOMER. (Ed.-in-Chief.) *Organic syntheses: an annual publication of satisfactory methods for the preparation of organic chemicals*. (Vol. 26.) New York: John Wiley; London: Chapman & Hall, 1946. Pp. iv + 124. (Illustrated.)
- ASDELL, S. A. *Patterns of mammalian reproduction*. Ithaca, N. Y.: Comstock Publishing Co., 1946. Pp. x + 437. (Illustrated.) \$5.00.
- BARLOW, NORA. (Ed.) *Charles Darwin and the voyage of the Beagle*. New York: Philosophical Library, 1946. Pp. 279. (Illustrated.) \$3.75.
- COLIN, EDWARD C. *Elements of genetics: Mendel's laws of heredity with special application to man*. (2nd ed.) Philadelphia-Toronto: Blakiston, 1946. Pp. xiii + 402. (Illustrated.) \$3.50.
- COSSLETT, V. E. *Introduction to electron optics: the production, propagation and focusing of electron beams*. Oxford, Engl.: Clarendon Press, 1946. Pp. x + 272. (Illustrated.) \$6.50.
- CRAIG, SIR JOHN. *Newton at the mint*. Cambridge, Engl.: at the Univ. Press; New York: Macmillan, 1946. Pp. 128. (Illustrated.) \$2.50.
- DAWES, BEN. *The Trematoda: with special reference to British and other European forms*. Cambridge, Engl.: at the Univ. Press; New York: Macmillan, 1946. Pp. xvi + 644. (Illustrated.) \$10.50.
- FERNELIUS, W. CONARD. (Ed.-in-Chief.) *Inorganic syntheses*. (Vol. II.) New York-London: McGraw-Hill, 1946. Pp. xii + 293. (Illustrated.) \$4.00.
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- HOOTON, EARNEST ALBERT. *Up from the ape*. (Rev. ed.) New York: Macmillan, 1946. Pp. xxi + 788. (Illustrated.) \$5.00.
- HULL, CALLIE. (Compiler.) *Industrial research laboratories of the United States including consulting research laboratories*. (8th ed.) Washington, D. C.: National Research Council, National Academy of Sciences, 1946. Pp. 415.
- JOST, WILHELM. *Explosion and combustion processes in gases*. New York-London: McGraw-Hill, 1946. Pp. xv + 621. (Illustrated.) \$7.50.
- KLUCKHOHN, CLYDE, and LEIGHTON, DOROTHEA. *The Navaho*. Cambridge, Mass.: Harvard Univ. Press; London: Geoffrey Cumberlege, Oxford Univ. Press, 1946. Pp. viii + 258. (Illustrated.) \$4.50.
- LEMON, HARVEY BRACE. *From Galileo to the nuclear age: an introduction to physics*. (Rev. ed.) Chicago, Ill.: Univ. Press, 1946. Pp. xviii + 451. (Illustrated.) \$3.75, text edition; \$5.00, trade edition.
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- NEWBOULT, H. O. *Analytical method in dynamics*. Oxford, Engl.: Clarendon Press, 1946. Pp. 81. (Illustrated.) \$2.50.
- PLEDGE, H. T. *Science since 1500: a short history of mathematics, physics, chemistry, biology*. New York: Philosophical Library, 1946. Pp. 357. \$5.00.
- TALBERT, THOMAS J. *General horticulture*. Philadelphia: Lea & Febiger, 1946. Pp. 452. (Illustrated.) \$4.00.